



ISO 9001
Certificate



ISO 14001
Certificate



ISO 14001
Certificate



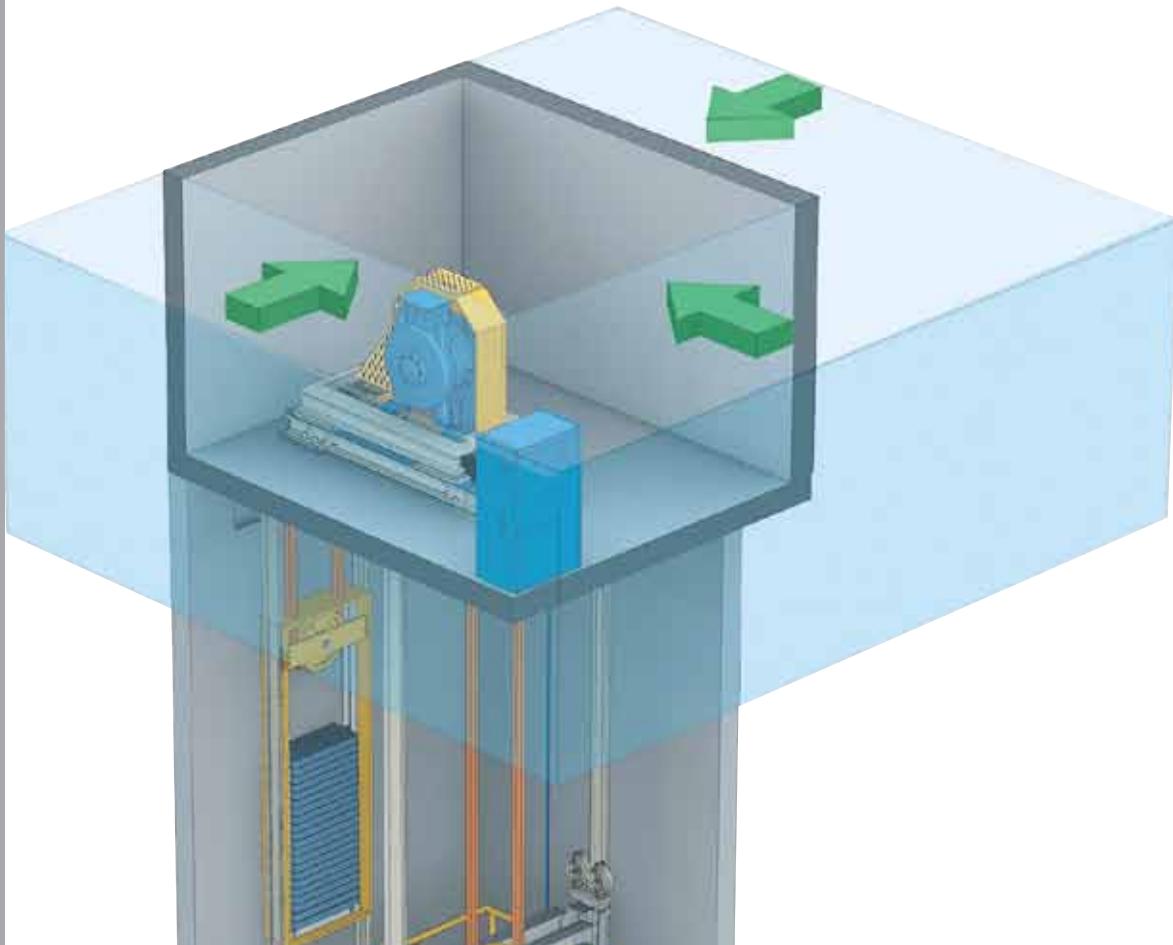
SIGMA Your Elevator Partner

www.sigmaelevator.com

SIGMA constantly endeavors to improve products. Please be reminded that information in this catalog is subject to change without prior notice.
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iris™ NV

PM Gearless Elevator



Your Elevator Partner... SIGMA

SIGMA Ride tomorrow, Lift future



Korean Engineered Products

SIGMA products are engineered by highly qualified Korean engineers and ensure customers to receive excellent products with reliable quality.



Aesthetics Design Excellence

SIGMA's Design Center in Korea and China are fully equipped with professionals who follow the most up-to-date aesthetic designs to satisfy customers needs.



Global Network

SIGMA has been with you for more than 45 years serving over 60 Countries.



SIGMA has already exported approximately 100,000 elevators worldwide since year 1978

● SIGMA SUBS ● DISTRIBUTORS



Khalid Al Attar Tower
UAE



Al Rames Tower
Qatar



Darwaza Tower
Kuwait



Vorobievy Gory
Russia



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Russia



Sheraton Hotel
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Thailand



Grand Hyatt Hotel
Indonesia



Emerald Tower
Kazakhstan



LG Beijing Tower
China



ASEM Tower
Korea



Intercontinental Hotel
Korea



Korea World
Trade Center
Korea



Plaza La
Castellana
Venezuela



Torre
Global
Bank
Panama



Ocean
Two
Panama

IRIS™ NV

PM Gearless Machine & Drives:
technologies that deliver a greener future

IRIS NV enhancing the value of the building...

IRIS NV maximizing energy savings

IRIS NV enabling environment protections

IRIS NV pursuing space savings

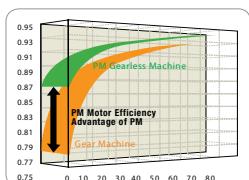
IRIS NV providing ride comfort

IRIS NV ensuring safety & reliability



Space Saving

Customers may benefit from the 46 percent space smaller size of the IRIS NV PM gearless machine. IRIS NV enables architects to design building structure flexibly and use building space more efficiently.



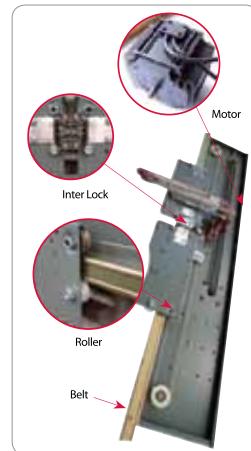
Energy Saving

By using permanent magnet (PM) synchronous motor, IRIS NV improves motor efficiency. The compact motor design of IRIS NV enables lower initial electricity load and power consumption. It also allows IRIS NV to reduce heat from the motor.



Ride Comfort

The absence of a gearbox allows the elimination of noise from gear friction. Its coaxial transmission also reduces vibration and noise efficiently. In addition, the VVVF (Variable Voltage Variable Frequency) controller enables even lower noise and smoother operation of the elevator.



Smooth and Fast Door Control

The PM synchronous motor, also used for the PM door system of IRIS NV, ensures a higher efficiency in the door operating system.

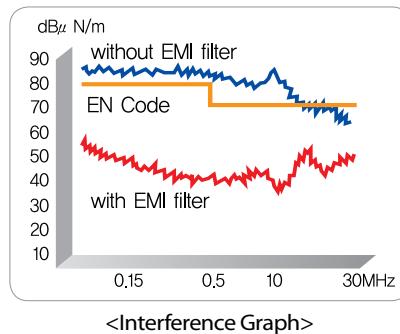
It helps IRIS NV not only to save energy, but also to show better performance in response time, speed, position control, etc.

Higher Quality in Your Life

PM Gearless Technology

Green Future in Your Life

Green Technology



Lubrication Free

The gearless machine, IRIS NV, does not need any lubrication to maintain the machine. The gearless technology helps to save about 1,400 liters of oil through the life-time of the elevator.

Interference Prevention

The control panel with EMI filter prevents interference for electrical facilities. The effect of EMI filter meets or exceeds the worldwide standards on exposure to electromagnetic radiation.



<Regeneration>

Regen System (Option)

Regen drives significantly reduces energy demand and lowers overall building energy costs.

e*route (Option)

e*route enables passengers to reach their destinations up to 55 percent faster, reducing waiting time and avoiding congestion. Moreover, the efficiency in elevator transportation reduces the number of elevators needed, hence it leads to reducing construction cost. e*route contributes to greener environment as it reduces electrical energy consumption with its high operation efficiency.



Modern | Elevator Design |

Simple stripe pattern of Tangent is the basic design, preferred by many people



Front View



C-RS1
One side of ceiling is lifted,
so the space is increased



Rear View

Specification

| | |
|-----------------|-----------|
| CEILING | C-RS1 |
| COP | CBX-22C |
| CAR DOOR FINISH | EH1-084 |
| HANDRAIL | HR04-38HL |
| FLOOR | Decotile |



The actual product can be different (changed) depending on design
Car wall image can be different (changed) depending on capacity

Mondrian | Elevator Design |

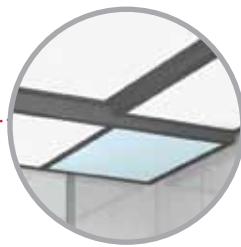
Mondrian shows the beautiful appearance with its colorful light and quiet pattern of wall



Front View



Rear View



C-RS2

The acrylic ceiling in Mondrian look
brightens the space and provides
the artistic atmosphere

Specification

| | |
|-----------------|-----------|
| CEILING | C-RS2 |
| COP | CBX-22C |
| CAR WALL FINISH | EH3-034 |
| HANDRAIL | HR04-38HL |
| FLOOR | Decotile |



The actual product can be different (changed) depending on design
Car wall image can be different (changed) depending on capacity

Tangent | Elevator Design |

The basic design, the car with simple and quiet beige color, harmonizes well with any building design



Front View



C-NL2

The center of the ceiling is mounted, and the car space looks wider



Rear View

Specification

| | |
|-----------------|------------|
| CEILING | C-NL2 |
| COP | CBX-22C |
| CAR WALL FINISH | EH1-086 |
| HANDRAIL | HR04-38POL |
| FLOOR | Decotile |



The actual product can be different (changed) depending on design
Car wall image can be different (changed) depending on capacity

Plain | Elevator Design |

Plain provides the comfortable outlook with its pattern of nature



| Front View |



| C-RL2 |

The air purifier system cleans and deodorizes the air in the car.



| Rear View |

Specification

| | |
|-----------------|-----------|
| CEILING | C-RL2 |
| COP | CBX-22C |
| CAR WALL FINISH | EH1-085 |
| HANDRAIL | HR04-38HL |
| FLOOR | Decotile |



The actual product can be different (changed) depending on design
Car wall image can be different (changed) depending on capacity

Entrance Design

| Ground Floor



| | |
|---------------------|---|
| JAMB FINISH | J-311 (Stainless Steel Mirror Finish) |
| DOOR FINISH | Stainless Steel Mirror Etching Finish (EH1-085) |
| HALL IND | HIX-A162 |
| HALL LANTERN | HLV-C08 |
| HALL BUTTON | HBM-R45 |

| Ground Floor



| | |
|---------------------|---|
| JAMB FINISH | J-311 (Stainless Steel Hairline Finish) |
| DOOR FINISH | Stainless Steel Hairline Etching Finish (EW2-084) |
| HALL IND | HIX-A122 |
| HALL LANTERN | HLV-C08 |
| HALL BUTTON | HBM-R45 |

| Typical Floors (Option)



| | |
|------------------------------|---|
| JAMB FINISH | J-301 (Stainless Steel Hairline Finish) |
| DOOR FINISH | Stainless Steel Hairline Etching Finish (EH3-034) |
| HALL IND & BUTTON | VIX-M652 |

| Typical Floors



| | |
|------------------------------|---|
| JAMB FINISH | J-101 (Stainless Steel Hairline Finish) |
| DOOR FINISH | Stainless Steel Hairline |
| HALL IND & BUTTON | VIX-M652 |

! The actual product can be different (changed) depending on design

Car & Landing Fixtures |

| COP



CBM-22



CBX-22C

| Vertical Hall Indicator



VIX-M652



VIX-MA52S

| Handicapped COP



CBM-44SH

| Hall Button



HBM-R45



HBM-RA55



HBM-R65

! The actual product can be different (changed) depending on design

Car & Landing Fixtures II (Option)

| COP



| Vertical Hall Indicator



| Hall Button



! The actual product can be different (changed) depending on design

Car & Landing Fixtures || (Option)

| COP



CBL-85C



CBT-70C

| Horizontal Hall Indicator



HIL-C193



HIL-A193

| Vertical Hall Indicator



VIL-MBB2S

| Hall Button



HBM-RBBS

| Handicapped COP



CBM-D1SH



The actual product can be different (changed) depending on design

Car Position Indicator



CIX-10



CIX-13

Horizontal Hall Indicator



HIX-A162



HIX-C162

Hall Lantern



HLV-C08



HLV-C11



HLV-C48

! The actual product can be different (changed) depending on design

Ceiling Designs



C-RS1 (LGP-945)



C-RS2 (LGP-945)



C-NS3



C-VS2



C-NL2 (LGP-945) [Option]



C-RL1 [Option]



C-RL2 [Option]



C-LA01 [Option]



C-LN01 [Option]



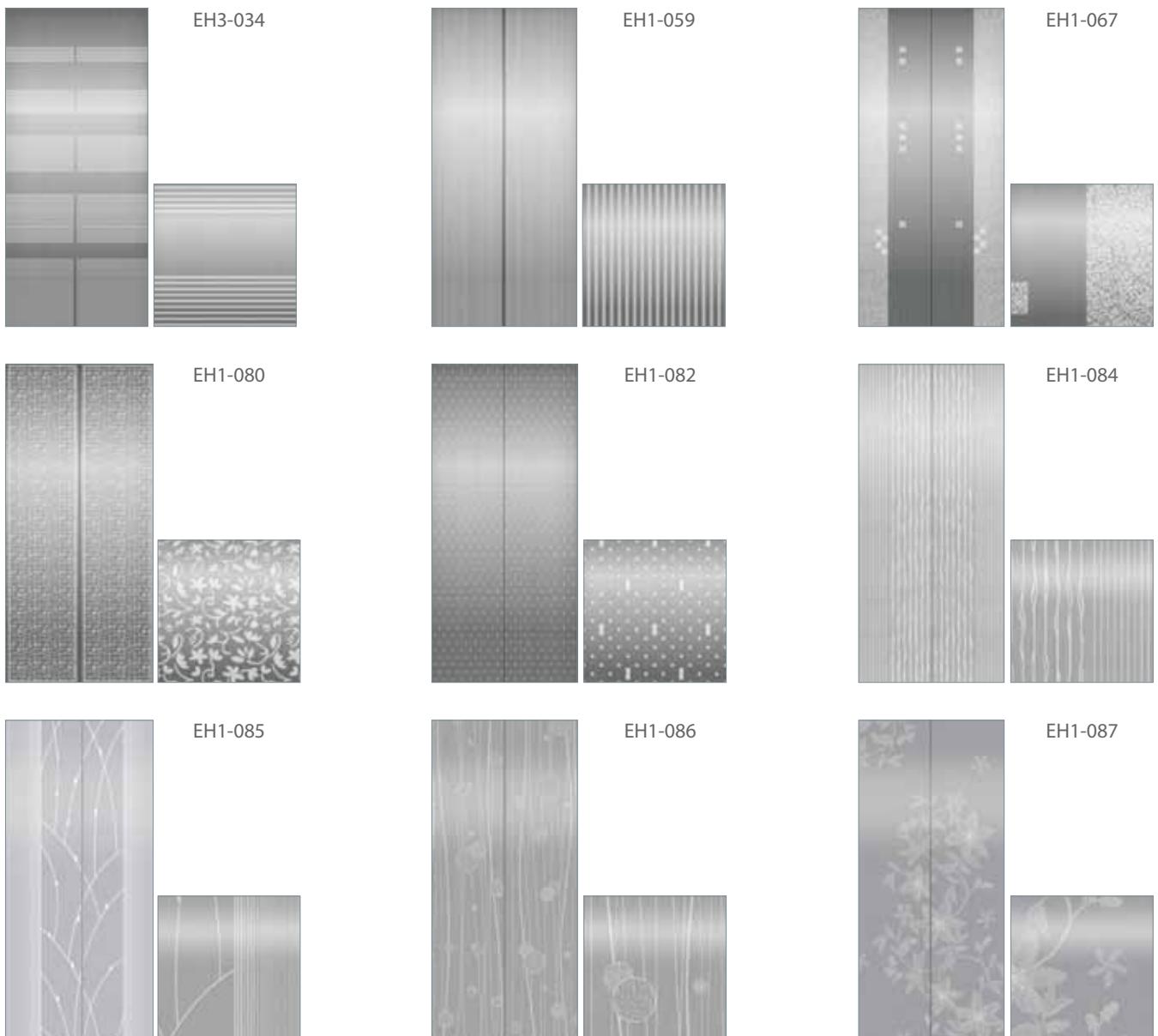
The actual product can be different (changed) depending on design

Colors



Etching Pattern

I STS Etching Pattern

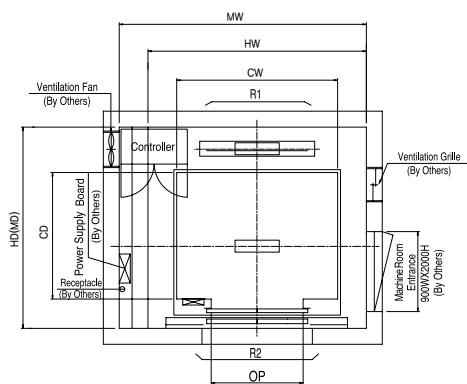


! The actual product can be different (changed) depending on design

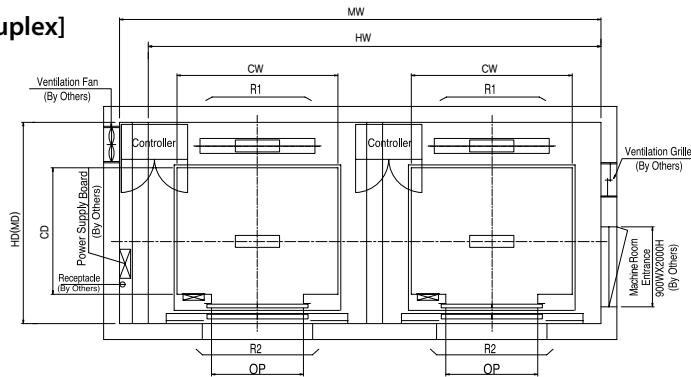
Technical Data

Hoistway & Machine Room Plan

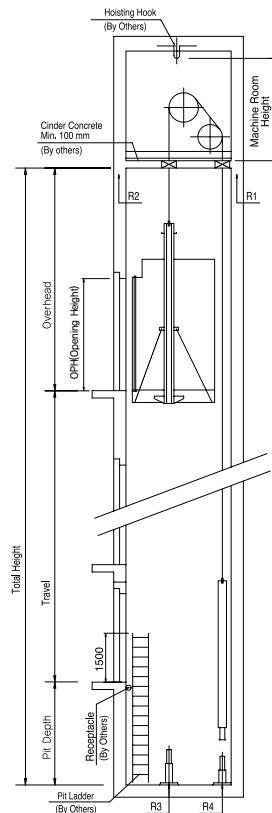
[Simplex]



[Duplex]



Hoistway Section



Overhead, Pit & Machine Room Height

| Application Regulation [CODE] | Speed (m/s) | Load (kg) | Travel (mm) | Overhead (mm) | Pit Depth (mm) | Machine Room HT | Required Hook Strength (kg) |
|-------------------------------|-------------|-----------|---------------|---------------|----------------|-----------------|-----------------------------|
| Standard / EN | 1 | 450~1000 | Travel≤100 | 4200 | 1400 | 2300 | 3000 |
| | | 1350 | Travel≤100 | 4300 | | | 4500 |
| | | 1150/1600 | Travel≤80 | 4300 | | | 3000 |
| | | | 80<Travel≤100 | 4650 | | | 4500 |
| | 1.5 | 450~1000 | Travel≤100 | 4400 | 1450 | 2300 | 3000 |
| | | 1350 | Travel≤100 | 4400 | | | 4500 |
| | | 1150/1600 | Travel≤80 | 4400 | | | 3000 |
| | | | 80<Travel≤100 | 4750 | | | 4500 |
| | 1.75 | 450~1000 | Travel≤100 | 4500 | 1600 | 2300 | 3000 |
| | | 1350 | Travel≤100 | 4500 | | | 4500 |
| | | 1150/1600 | Travel≤80 | 4500 | | | 3000 |
| | | | 80<Travel≤100 | 4850 | | | 4500 |
| MS2021 | 1 | 410~1025 | Travel≤100 | 4200 | 1400 | 2550 | 3000 |
| | | 1365 | Travel≤100 | 4300 | | 2400 | 4500 |
| | | 1160/1365 | Travel≤80 | 4300 | | 2550 | 3000 |
| | | | 80<Travel≤100 | 4650 | | 2400 | 4500 |
| | 1.5 | 410~1025 | Travel≤100 | 4400 | 1450 | 2550 | 3000 |
| | | 1365 | Travel≤100 | 4400 | | 2400 | 4500 |
| | | 1160/1365 | Travel≤80 | 4400 | | 2550 | 3000 |
| | | | 80<Travel≤100 | 4750 | | 2400 | 4500 |
| | 1.75 | 410~1025 | Travel≤100 | 4500 | 1600 | 2550 | 3000 |
| | | 1365 | Travel≤100 | 4500 | | 2400 | 4500 |
| | | 1160/1365 | Travel≤80 | 4500 | | 2550 | 3000 |
| | | | 80<Travel≤100 | 4850 | | 2400 | 4500 |
| Standard / EN | 2 | 800~1600 | Travel≤130 | 5100 | 1900 | 2300 | 4500 |
| | 2.5 | | | 5300 | 2200 | | 4500 |

Technical Data

| Layout Dimensions | Speed : 1.0 m/s

[Standard]

(Unit : mm)

| Speed (m/s) | Capacity | | Opening Width (mm) | Car Size | | Hoistway Size | | | | Machine Room Size | | | | Reaction Load | | | |
|----------------|----------|----------|--------------------------|----------|------|---------------|------|--------|------|-------------------|------|--------|------|---------------|------|-------|------|
| | | | | | | Simplex | | Duplex | | Simplex | | Duplex | | Machine Room | | Pit | |
| | Person | Load(kg) | | CW | CD | HW | HD | HW | HD | MW | MD | MW | MD | R1 | R2 | R3 | R4 |
| 1.0 | 6 | 450 | 800 | 1400 | 850 | 1800 | 1500 | 3750 | 1500 | 1800 | 1500 | 3750 | 1500 | 3600 | 2000 | 3800 | 3150 |
| | 8 | 550 | 800 | 1400 | 1030 | 1800 | 1700 | 3750 | 1700 | 1800 | 1700 | 3750 | 1700 | 4050 | 2500 | 4550 | 3350 |
| | 9 | 600 | 800 | 1400 | 1130 | 1800 | 1750 | 3750 | 1750 | 1800 | 1750 | 3750 | 1750 | 4100 | 2500 | 4700 | 3450 |
| | 10 | 680 | 800 | 1400 | 1250 | 1800 | 1900 | 3750 | 1900 | 1800 | 1900 | 3750 | 1900 | 4200 | 2850 | 5000 | 3650 |
| | 11 | 750 | 800 | 1400 | 1350 | 1800 | 2000 | 3750 | 2000 | 1800 | 2000 | 3750 | 2000 | 4550 | 2900 | 5200 | 3750 |
| | 13 | 900 | 900 | 1600 | 1350 | 2000 | 2000 | 4150 | 2000 | 2000 | 2000 | 4150 | 2000 | 5100 | 3800 | 6300 | 4500 |
| | 15 | 1000 | 900 | 1600 | 1500 | 2000 | 2150 | 4150 | 2150 | 2000 | 2150 | 4150 | 2150 | 5450 | 4300 | 6600 | 4700 |
| | 17 | 1150 | 1000 | 1800 | 1500 | 2350 | 2200 | 4850 | 2200 | 2350 | 2200 | 4850 | 2200 | 8000 | 5200 | 9550 | 7150 |
| | | | 1100 | 2000 | 1350 | 2550 | 2050 | 5250 | 2050 | 2550 | 2050 | 5250 | 2050 | | | | |
| | 20 | 1350 | 1000 | 1800 | 1700 | 2350 | 2400 | 4850 | 2400 | 2350 | 2400 | 4850 | 2400 | 8900 | 6000 | 10200 | 7500 |
| | | | 1100 | 2000 | 1500 | 2550 | 2200 | 5250 | 2200 | 2550 | 2200 | 5250 | 2200 | | | | |
| | 24 | 1600 | 1100 | 2000 | 1750 | 2550 | 2450 | 5250 | 2450 | 2550 | 2450 | 5250 | 2450 | 10200 | 7000 | 10950 | 8700 |
| | | | | 2150 | 1600 | 2700 | 2300 | 5550 | 2300 | 2700 | 2300 | 5550 | 2300 | | | | |

[EN Code]

| | | | | | | | | | | | | | | | | | |
|-----|----|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|------|
| 1.0 | 6 | 450 | 700 | 1150 | 1030 | 1800 | 1700 | 3750 | 1700 | 1800 | 1700 | 3750 | 1700 | 4050 | 2500 | 4550 | 3350 |
| | 7 | 525 | 800 | 1400 | 1030 | 1800 | 1700 | 3750 | 1700 | 1800 | 1700 | 3750 | 1700 | 4100 | 2500 | 4700 | 3450 |
| | 8 | 600 | 800 | 1400 | 1100 | 1800 | 1750 | 3750 | 1750 | 1800 | 1750 | 3750 | 1750 | 4200 | 2850 | 5000 | 3650 |
| | 9 | 680 | 800 | 1400 | 1250 | 1800 | 1900 | 3750 | 1900 | 1800 | 1900 | 3750 | 1900 | 4550 | 2900 | 5200 | 3750 |
| | 10 | 800 | 800 | 1400 | 1350 | 1800 | 2000 | 3750 | 2000 | 1800 | 2000 | 3750 | 2000 | 4550 | 2900 | 5200 | 3750 |
| | 12 | 900 | 900 | 1600 | 1350 | 2000 | 2000 | 4150 | 2000 | 2000 | 2000 | 4150 | 2000 | 5100 | 3800 | 6300 | 4500 |
| | 13 | 1000 | 900 | 1600 | 1500 | 2000 | 2150 | 4150 | 2150 | 2000 | 2150 | 4150 | 2150 | 5450 | 4300 | 6600 | 4700 |
| | 16 | 1150 | 1000 | 1800 | 1500 | 2350 | 2200 | 4850 | 2200 | 2350 | 2200 | 4850 | 2200 | 8000 | 5200 | 9550 | 7150 |
| | | | 1100 | 2000 | 1350 | 2550 | 2050 | 5250 | 2050 | 2550 | 2050 | 5250 | 2050 | | | | |
| | 18 | 1350 | 1000 | 1800 | 1700 | 2350 | 2400 | 4850 | 2400 | 2350 | 2400 | 4850 | 2400 | 8900 | 6000 | 10200 | 7500 |
| | | | 1100 | 2000 | 1500 | 2550 | 2200 | 5250 | 2200 | 2550 | 2200 | 5250 | 2200 | | | | |
| | 21 | 1600 | 1100 | 2000 | 1750 | 2550 | 2450 | 5250 | 2450 | 2550 | 2450 | 5250 | 2450 | 10200 | 7000 | 10950 | 8700 |
| | | | | 2150 | 1600 | 2700 | 2300 | 5550 | 2300 | 2700 | 2300 | 5550 | 2300 | | | | |

[Malaysia]

| | | | | | | | | | | | | | | | | | |
|-----|----|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|------|
| 1.0 | 6 | 410 | 800 | 1400 | 830 | 1800 | 1500 | 3750 | 1500 | 1800 | 1500 | 3750 | 1500 | 3600 | 2000 | 3800 | 3150 |
| | 8 | 545 | 800 | 1400 | 1030 | 1800 | 1700 | 3750 | 1700 | 1800 | 1700 | 3750 | 1700 | 4050 | 2500 | 4550 | 3350 |
| | 9 | 615 | 800 | 1400 | 1150 | 1800 | 1800 | 3750 | 1800 | 1800 | 1800 | 3750 | 1800 | 4100 | 2500 | 4700 | 3450 |
| | 10 | 685 | 800 | 1400 | 1250 | 1800 | 1900 | 3750 | 1900 | 1800 | 1900 | 3750 | 1900 | 4200 | 2850 | 5000 | 3650 |
| | 11 | 750 | 800 | 1400 | 1350 | 1800 | 2000 | 3750 | 2000 | 1800 | 2000 | 3750 | 2000 | 4550 | 2900 | 5200 | 3750 |
| | 13 | 885 | 900 | 1600 | 1350 | 2000 | 2000 | 4150 | 2000 | 2000 | 2000 | 4150 | 2000 | 5100 | 3800 | 6300 | 4500 |
| | 15 | 1025 | 900 | 1600 | 1550 | 2000 | 2200 | 4150 | 2200 | 2000 | 2200 | 4150 | 2200 | 5450 | 4300 | 6600 | 4700 |
| | 17 | 1160 | 1000 | 1800 | 1500 | 2350 | 2200 | 4850 | 2200 | 2350 | 2200 | 4850 | 2200 | 8000 | 5200 | 9550 | 7150 |
| | 20 | 1365 | 1000 | 1800 | 1750 | 2350 | 2450 | 4850 | 2450 | 2350 | 2450 | 4850 | 2450 | 8900 | 6000 | 10200 | 7500 |
| | | | 1100 | 2000 | 1550 | 2550 | 2250 | 5250 | 2250 | 2550 | 2250 | 5250 | 2250 | | | | |
| | 24 | 1635 | 1100 | 2000 | 1800 | 2550 | 2500 | 5250 | 2500 | 2550 | 2500 | 5250 | 2500 | 10200 | 7000 | 10950 | 8700 |

Technical Data

| Layout Dimensions | Speed : 1.5, 1.75 m/s

[Standard]

(Unit : mm)

| Speed (m/s) | Capacity | | Opening Width (mm) | Car Size | | Hoistway Size | | | | Machine Room Size | | | | Reaction Load | | | |
|------------------|----------|----------|--------------------------|----------|------|---------------|------|--------|------|-------------------|------|--------|------|---------------|------|-------|-------|
| | | | | | | Simplex | | Duplex | | Simplex | | Duplex | | Machine Room | | Pit | |
| | Person | Load(kg) | | CW | CD | HW | HD | HW | HD | MW | MD | MW | MD | R1 | R2 | R3 | R4 |
| 1.5 ~ 1.75 | 8 | 550 | 800 | 1400 | 1030 | 1800 | 1700 | 3750 | 1700 | 1800 | 1700 | 3750 | 1700 | 4200 | 2800 | 7150 | 5300 |
| | 9 | 600 | 800 | 1400 | 1130 | 1800 | 1750 | 3750 | 1750 | 1800 | 1750 | 3750 | 1750 | 4500 | 3100 | 7500 | 5500 |
| | 10 | 680 | 800 | 1400 | 1250 | 1800 | 1900 | 3750 | 1900 | 1800 | 1900 | 3750 | 1900 | 4900 | 3400 | 8150 | 5900 |
| | 11 | 750 | 800 | 1400 | 1350 | 1800 | 2000 | 3750 | 2000 | 1800 | 2000 | 3750 | 2000 | 5250 | 3700 | 8600 | 6150 |
| | 13 | 900 | 900 | 1600 | 1350 | 2000 | 2000 | 4150 | 2000 | 2000 | 2000 | 4150 | 2000 | 5750 | 4100 | 9850 | 6900 |
| | 15 | 1000 | 900 | 1600 | 1500 | 2000 | 2150 | 4150 | 2150 | 2000 | 2150 | 4150 | 2150 | 6150 | 4300 | 10550 | 7300 |
| | 17 | 1150 | 1000 | 1800 | 1500 | 2350 | 2200 | 4850 | 2200 | 2350 | 2200 | 4850 | 2200 | 9400 | 7750 | 15450 | 11500 |
| | | | 1100 | 2000 | 1350 | 2550 | 2050 | 5250 | 2050 | 2550 | 2050 | 5250 | 2050 | | | | |
| | 20 | 1350 | 1000 | 1800 | 1700 | 2350 | 2400 | 4850 | 2400 | 2350 | 2400 | 4850 | 2400 | 10000 | 8250 | 16850 | 12300 |
| | | | 1100 | 2000 | 1500 | 2550 | 2200 | 5250 | 2200 | 2550 | 2200 | 5250 | 2200 | | | | |
| | 24 | 1600 | 1100 | 2000 | 1750 | 2550 | 2450 | 5250 | 2450 | 2550 | 2450 | 5250 | 2450 | 11500 | 8700 | 18550 | 13300 |
| | | | | 2150 | 1600 | 2700 | 2300 | 5550 | 2300 | 2700 | 2300 | 5550 | 2300 | | | | |

[EN Code]

| | | | | | | | | | | | | | | | | | |
|------------------|----|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|-------|
| 1.5 ~ 1.75 | 7 | 525 | 800 | 1400 | 1030 | 1800 | 1700 | 3750 | 1700 | 1800 | 1700 | 3750 | 1700 | 4200 | 2800 | 7150 | 5300 |
| | 8 | 600 | 800 | 1400 | 1100 | 1800 | 1750 | 3750 | 1750 | 1800 | 1750 | 3750 | 1750 | 4500 | 3100 | 7500 | 5500 |
| | 9 | 680 | 800 | 1400 | 1250 | 1800 | 1900 | 3750 | 1900 | 1800 | 1900 | 3750 | 1900 | 4900 | 3400 | 8150 | 5900 |
| | 10 | 800 | 800 | 1400 | 1350 | 1800 | 2000 | 3750 | 2000 | 1800 | 2000 | 3750 | 2000 | 5250 | 3700 | 8600 | 6150 |
| | 12 | 900 | 900 | 1600 | 1350 | 2000 | 2000 | 4150 | 2000 | 2000 | 2000 | 4150 | 2000 | 5750 | 4100 | 9850 | 6900 |
| | 13 | 1000 | 900 | 1600 | 1500 | 2000 | 2150 | 4150 | 2150 | 2000 | 2150 | 4150 | 2150 | 6150 | 4300 | 10550 | 7300 |
| | 16 | 1150 | 1000 | 1800 | 1500 | 2350 | 2200 | 4850 | 2200 | 2350 | 2200 | 4850 | 2200 | 9400 | 7750 | 15450 | 11500 |
| | | | 1100 | 2000 | 1350 | 2550 | 2050 | 5250 | 2050 | 2550 | 2050 | 5250 | 2050 | | | | |
| | 18 | 1350 | 1000 | 1800 | 1700 | 2350 | 2400 | 4850 | 2400 | 2350 | 2400 | 4850 | 2400 | 10000 | 8250 | 16850 | 12300 |
| | | | 1100 | 2000 | 1500 | 2550 | 2200 | 5250 | 2200 | 2550 | 2200 | 5250 | 2200 | | | | |
| | 21 | 1600 | 1100 | 2000 | 1750 | 2550 | 2450 | 5250 | 2450 | 2550 | 2450 | 5250 | 2450 | 11500 | 8700 | 18550 | 13300 |
| | | | | 2150 | 1600 | 2700 | 2300 | 5550 | 2300 | 2700 | 2300 | 5550 | 2300 | | | | |

[Malaysia]

| | | | | | | | | | | | | | | | | | |
|------------------|----|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|-------|
| 1.5 ~ 1.75 | 8 | 545 | 800 | 1400 | 1030 | 1800 | 1700 | 3750 | 1700 | 1800 | 1700 | 3750 | 1700 | 4200 | 2800 | 7150 | 5300 |
| | 9 | 615 | 800 | 1400 | 1150 | 1800 | 1800 | 3750 | 1800 | 1800 | 1800 | 3750 | 1800 | 4500 | 3100 | 7500 | 5500 |
| | 10 | 685 | 800 | 1400 | 1250 | 1800 | 1900 | 3750 | 1900 | 1800 | 1900 | 3750 | 1900 | 4900 | 3400 | 8150 | 5900 |
| | 11 | 750 | 800 | 1400 | 1350 | 1800 | 2000 | 3750 | 2000 | 1800 | 2000 | 3750 | 2000 | 5250 | 3700 | 8600 | 6150 |
| | 13 | 885 | 900 | 1600 | 1350 | 2000 | 2000 | 4150 | 2000 | 2000 | 2000 | 4150 | 2000 | 5750 | 4100 | 9850 | 6900 |
| | 15 | 1025 | 900 | 1600 | 1550 | 2000 | 2200 | 4150 | 2200 | 2000 | 2200 | 4150 | 2200 | 6150 | 4300 | 10550 | 7300 |
| | 17 | 1160 | 1000 | 1800 | 1500 | 2350 | 2200 | 4850 | 2200 | 2350 | 2200 | 4850 | 2200 | 9400 | 7750 | 15450 | 11500 |
| | 20 | 1365 | 1000 | 1800 | 1750 | 2350 | 2450 | 4850 | 2450 | 2350 | 2450 | 4850 | 2450 | 10000 | 8250 | 16850 | 12300 |
| | | | 1100 | 2000 | 1550 | 2550 | 2250 | 5250 | 2250 | 2550 | 2250 | 5250 | 2250 | | | | |
| | 24 | 1635 | 1100 | 2000 | 1800 | 2550 | 2500 | 5250 | 2500 | 2550 | 2500 | 5250 | 2500 | 11500 | 8700 | 18550 | 13300 |

Technical Data

| Layout Dimensions | Speed : 2.0, 2.5 m/s

[Standard]

(Unit : mm)

| Speed (m/s) | Capacity | | Opening Width (mm) | Car Size | | Hoistway Size | | | | Machine Room Size | | | | Reaction Load | | | |
|-----------------|----------|----------|--------------------------|----------|------|---------------|------|--------|------|-------------------|------|--------|------|---------------|------|-------|-------|
| | | | | | | Simplex | | Duplex | | Simplex | | Duplex | | Machine Room | | Pit | |
| | Person | Load(kg) | | CW | CD | HW | HD | HW | HD | MW | MD | MW | MD | R1 | R2 | R3 | R4 |
| 2.0 ~ 2.5 | 11 | 750 | 800 | 1400 | 1350 | 1950 | 2050 | 4050 | 2050 | 1950 | 2050 | 4050 | 2050 | 11000 | 7550 | 12300 | 9500 |
| | 13 | 900 | 900 | 1600 | 1350 | 2150 | 2050 | 4450 | 2050 | 2150 | 2050 | 4450 | 2050 | 11000 | 7550 | 13000 | 9900 |
| | 15 | 1000 | 900 | 1600 | 1500 | 2150 | 2200 | 4450 | 2200 | 2150 | 2200 | 4450 | 2200 | 11650 | 7850 | 13900 | 10500 |
| | 15 | 1000 | 900 | 1600 | 1400 | 2150 | 2100 | 4450 | 2100 | 2150 | 2100 | 4450 | 2100 | 11650 | 7850 | 13900 | 10500 |
| | 17 | 1150 | 1000 | 1800 | 1500 | 2350 | 2200 | 4850 | 2200 | 2350 | 2200 | 4850 | 2200 | 12300 | 8250 | 14800 | 11000 |
| | 20 | 1350 | 1000 | 1800 | 1700 | 2350 | 2400 | 4850 | 2400 | 2350 | 2400 | 4850 | 2400 | 13100 | 8850 | 15900 | 11600 |
| | 20 | 1350 | 1000 | 1300 | 2300 | 2250 | 2750 | 4650 | 2750 | 2250 | 2750 | 4650 | 2750 | 13100 | 8850 | 15900 | 11600 |
| | 24 | 1600 | 1100 | 2000 | 1750 | 2550 | 2450 | 5250 | 2450 | 2550 | 2450 | 5250 | 2450 | 13900 | 9350 | 17400 | 12500 |
| | 24 | 1600 | 1100 | 2100 | 1600 | 2650 | 2300 | 5450 | 2300 | 2650 | 2300 | 5450 | 2300 | 13900 | 9350 | 17400 | 12500 |
| | 24 | 1600 | 1100 | 1500 | 2300 | 2400 | 2750 | 4950 | 2750 | 2400 | 2750 | 4950 | 2750 | 13900 | 9350 | 17400 | 12500 |

[EN Code]

| | | | | | | | | | | | | | | | | | |
|-----------------|----|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|-------|
| 2.0 ~ 2.5 | 10 | 800 | 800 | 1400 | 1350 | 1950 | 2050 | 4050 | 2050 | 1950 | 2050 | 4050 | 2050 | 11000 | 7550 | 12300 | 9500 |
| | 12 | 900 | 900 | 1600 | 1350 | 2150 | 2050 | 4450 | 2050 | 2150 | 2050 | 4450 | 2050 | 11000 | 7550 | 13000 | 9900 |
| | 13 | 1000 | 900 | 1600 | 1500 | 2150 | 2200 | 4450 | 2200 | 2150 | 2200 | 4450 | 2200 | 11650 | 7850 | 13900 | 10500 |
| | 13 | 1000 | 900 | 1600 | 1400 | 2150 | 2100 | 4450 | 2100 | 2150 | 2100 | 4450 | 2100 | 11650 | 7850 | 13900 | 10500 |
| | 15 | 1150 | 1000 | 1800 | 1500 | 2350 | 2200 | 4850 | 2200 | 2350 | 2200 | 4850 | 2200 | 12300 | 8250 | 14800 | 11000 |
| | 18 | 1350 | 1000 | 1800 | 1700 | 2350 | 2400 | 4850 | 2400 | 2350 | 2400 | 4850 | 2400 | 13100 | 8850 | 15900 | 11600 |
| | 18 | 1350 | 1000 | 1300 | 2300 | 2250 | 2750 | 4650 | 2750 | 2250 | 2750 | 4650 | 2750 | 13100 | 8850 | 15900 | 11600 |
| | 21 | 1600 | 1100 | 2000 | 1750 | 2550 | 2450 | 5250 | 2450 | 2550 | 2450 | 5250 | 2450 | 13900 | 9350 | 17400 | 12500 |
| | 21 | 1600 | 1100 | 2100 | 1600 | 2650 | 2300 | 5450 | 2300 | 2650 | 2300 | 5450 | 2300 | 13900 | 9350 | 17400 | 12500 |
| | 21 | 1600 | 1100 | 1500 | 2300 | 2400 | 2750 | 4950 | 2750 | 2400 | 2750 | 4950 | 2750 | 13900 | 9350 | 17400 | 12500 |

Technical Data

| Power Supply Plan [Speed : 1.0 ~ 2.5 m/s]

(220V / 380V)

| Speed (m/s) | Capacity | | Motor Capacity (kW) | MCCB Capacity of Building(A) | | Power Supply Capacity(kVA) | | Lead-in Wire Size(mm ²) | | Earth Wire Size(mm ²) | | Heat Output (kcal/H) | Starting Power (kVA/set) |
|-------------|----------|----------|---------------------|------------------------------|-----------|----------------------------|-------------|-------------------------------------|----------|-----------------------------------|---------|----------------------|--------------------------|
| | Person | Load(kg) | | Simplex | Duplex | Simplex | Duplex | Simplex | Duplex | Simplex | Duplex | | |
| 1.0 | 6 | 450 | 4.6 | 25 / 25 | 25 / 32 | 5.3 / 5.3 | 9.7 / 9.7 | 10 / 6 | 16 / 6 | 10 / 6 | 16 / 6 | 675 | 10.0 |
| | 8 | 550 | 4.6 | 25 / 25 | 25 / 40 | 5.9 / 5.9 | 10.8 / 10.8 | 10 / 6 | 25 / 6 | 10 / 6 | 16 / 6 | 825 | 10.0 |
| | 9 | 600 | 4.6 | 25 / 25 | 25 / 50 | 6.3 / 6.3 | 11.5 / 11.5 | 10 / 6 | 25 / 6 | 10 / 6 | 16 / 6 | 900 | 10.0 |
| | 10 | 680 | 5.5 | 32 / 25 | 32 / 50 | 7.3 / 7.3 | 13.4 / 13.4 | 16 / 6 | 35 / 6 | 16 / 6 | 16 / 6 | 1050 | 16.0 |
| | 11 | 750 | 5.5 | 32 / 25 | 32 / 60 | 7.7 / 7.7 | 14.0 / 14.0 | 16 / 6 | 35 / 6 | 16 / 6 | 16 / 6 | 1125 | 16.0 |
| | 13 | 900 | 6.7 | 40 / 25 | 40 / 75 | 8.9 / 8.9 | 16.2 / 16.2 | 25 / 6 | 50 / 6 | 16 / 6 | 25 / 6 | 1350 | 16.0 |
| | 15 | 1000 | 6.7 | 40 / 25 | 50 / 75 | 9.8 / 9.8 | 17.8 / 17.8 | 25 / 6 | 50 / 10 | 16 / 6 | 25 / 6 | 1500 | 16.0 |
| | 17 | 1150 | 7.7 | 50 / 32 | 50 / 100 | 11.1 / 11.1 | 20.3 / 20.3 | 25 / 6 | 70 / 10 | 16 / 6 | 35 / 6 | 1725 | 16.0 |
| | 20 | 1350 | 9.1 | 60 / 32 | 75 / 125 | 13.0 / 13.0 | 26.0 / 26.0 | 35 / 10 | 70 / 16 | 16 / 6 | 35 / 6 | 2025 | 16.0 |
| | 24 | 1600 | 10.8 | 75 / 40 | 75 / 125 | 15.5 / 15.5 | 31.0 / 31.0 | 35 / 10 | 70 / 16 | 16 / 6 | 35 / 10 | 2400 | 25.0 |
| 1.5 | 8 | 550 | 6.9 | 32 / 25 | 32 / 60 | 9.7 / 9.7 | 17.7 / 17.7 | 16 / 6 | 35 / 10 | 16 / 6 | 16 / 6 | 1238 | 16.0 |
| | 9 | 600 | 6.9 | 32 / 25 | 40 / 60 | 10.4 / 10.4 | 18.9 / 18.9 | 16 / 6 | 35 / 10 | 16 / 6 | 16 / 6 | 1350 | 16.0 |
| | 10 | 680 | 8.3 | 40 / 25 | 40 / 75 | 11.5 / 11.5 | 20.9 / 20.9 | 25 / 6 | 50 / 10 | 16 / 6 | 25 / 6 | 1575 | 16.0 |
| | 11 | 750 | 8.3 | 40 / 25 | 50 / 75 | 12.0 / 12.0 | 21.8 / 21.8 | 25 / 10 | 50 / 10 | 16 / 6 | 25 / 6 | 1688 | 16.0 |
| | 13 | 900 | 10 | 50 / 32 | 50 / 100 | 13.5 / 13.5 | 24.6 / 24.6 | 35 / 10 | 70 / 16 | 16 / 6 | 35 / 6 | 2025 | 16.0 |
| | 15 | 1000 | 10 | 60 / 32 | 60 / 100 | 14.9 / 14.9 | 27.1 / 27.1 | 35 / 10 | 70 / 16 | 16 / 6 | 35 / 6 | 2250 | 16.0 |
| | 17 | 1150 | 11.6 | 75 / 40 | 75 / 120 | 18.2 / 18.2 | 33.1 / 33.1 | 50 / 16 | 70 / 16 | 25 / 6 | 35 / 6 | 2588 | 25.0 |
| | 20 | 1350 | 13.6 | 100 / 50 | 100 / 150 | 21.2 / 21.2 | 42.4 / 42.4 | 50 / 16 | 95 / 25 | 25 / 6 | 35 / 10 | 3038 | 35.0 |
| | 24 | 1600 | 16.2 | 100 / 60 | 120 / 175 | 25.3 / 25.3 | 50.5 / 50.5 | 50 / 16 | 95 / 35 | 25 / 6 | 35 / 10 | 3600 | 35.0 |
| | 8 | 550 | 8.1 | 40 / 25 | 40 / 75 | 11.7 / 11.7 | 21.4 / 21.4 | 25 / 6 | 50 / 10 | 16 / 6 | 25 / 6 | 1444 | 16.0 |
| 1.75 | 9 | 600 | 8.1 | 40 / 25 | 40 / 75 | 12.5 / 12.5 | 22.8 / 22.8 | 25 / 6 | 50 / 10 | 16 / 6 | 25 / 6 | 1575 | 16.0 |
| | 10 | 680 | 9.7 | 50 / 25 | 50 / 100 | 13.9 / 13.9 | 25.2 / 25.2 | 35 / 6 | 70 / 10 | 16 / 6 | 35 / 6 | 1838 | 16.0 |
| | 11 | 750 | 9.7 | 50 / 32 | 50 / 100 | 14.5 / 14.5 | 26.4 / 26.4 | 35 / 10 | 70 / 10 | 16 / 6 | 35 / 6 | 1969 | 16.0 |
| | 13 | 900 | 11.7 | 60 / 32 | 60 / 100 | 16.4 / 16.4 | 29.8 / 29.8 | 35 / 10 | 70 / 10 | 16 / 6 | 35 / 6 | 2363 | 16.0 |
| | 15 | 1000 | 11.7 | 75 / 40 | 75 / 120 | 18.0 / 18.0 | 32.7 / 32.7 | 50 / 10 | 70 / 16 | 25 / 6 | 35 / 6 | 2625 | 25.0 |
| | 17 | 1150 | 13.6 | 75 / 50 | 100 / 150 | 21.0 / 21.0 | 38.2 / 38.2 | 50 / 16 | 100 / 25 | 25 / 6 | 50 / 10 | 3019 | 35.0 |
| | 20 | 1350 | 15.9 | 100 / 50 | 100 / 175 | 24.4 / 24.4 | 48.9 / 48.9 | 50 / 16 | 70 / 25 | 25 / 6 | 50 / 10 | 3544 | 35.0 |
| | 24 | 1600 | 18.9 | 125 / 60 | 120 / 200 | 29.1 / 29.1 | 58.3 / 58.3 | 70 / 16 | 95 / 35 | 25 / 6 | 50 / 10 | 4200 | 35.0 |

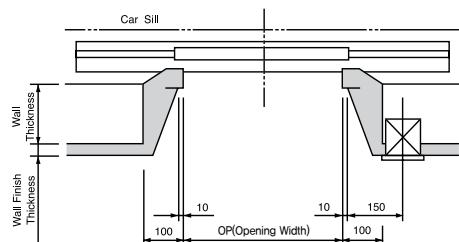
(220V / 380V)

| Speed (m/s) | Capacity | | Motor Capacity (kW) | MCCB Capacity of Building(A) | | Power Supply Capacity(kVA) | | Lead-in Wire Size(mm ²) | | Earth Wire Size(mm ²) | | Heat Output (kcal/H) | Starting Power (kVA/set) |
|-------------|----------|----------|---------------------|------------------------------|-----------|----------------------------|-----------|-------------------------------------|----------|-----------------------------------|---------|----------------------|--------------------------|
| | Person | Load(kg) | | Simplex | Duplex | Simplex | Duplex | Simplex | Duplex | Simplex | Duplex | | |
| 2.0 | 11 | 750 | 11 | 60 / 40 | 125 / 60 | 13 / 13.1 | 24 / 23.8 | 16 / 10 | 70 / 25 | 16 / 6 | 16 / 10 | 2250 | 24.3 |
| | 13 | 900 | 13.5 | 75 / 40 | 125 / 75 | 15 / 15.4 | 28 / 28.0 | 25 / 16 | 95 / 35 | 16 / 6 | 16 / 10 | 2700 | 27.7 |
| | 15 | 1000 | 13.5 | 75 / 50 | 150 / 100 | 17 / 17.1 | 31 / 31.1 | 25 / 16 | 95 / 50 | 16 / 6 | 16 / 16 | 3000 | 30 |
| | 17 | 1150 | 16 | 100 / 50 | 175 / 100 | 20 / 19.9 | 36 / 36.1 | 35 / 16 | 120 / 50 | 16 / 6 | 16 / 16 | 3450 | 34.2 |
| | 20 | 1350 | 18.5 | 100 / 60 | 175 / 100 | 22 / 21.6 | 39 / 39.3 | 35 / 16 | 120 / 50 | 16 / 6 | 16 / 16 | 4050 | 36.1 |
| | 24 | 1600 | 22 | 125 / 75 | 250 / 125 | 26 / 26.2 | 48 / 47.6 | 50 / 25 | 150 / 70 | 16 / 10 | 25 / 25 | 4800 | 42.7 |
| 2.5 | 11 | 750 | 13.5 | 75 / 50 | 150 / 75 | 16 / 16.2 | 29 / 29.5 | 25 / 16 | 95 / 35 | 16 / 6 | 16 / 10 | 2812.5 | 31.5 |
| | 13 | 900 | 17 | 100 / 50 | 150 / 100 | 19 / 19.0 | 35 / 34.5 | 35 / 16 | 120 / 50 | 16 / 6 | 16 / 16 | 3375 | 35.9 |
| | 15 | 1000 | 17 | 100 / 60 | 175 / 100 | 21 / 21.1 | 38 / 38.3 | 35 / 16 | 150 / 50 | 16 / 6 | 16 / 16 | 3750 | 39 |
| | 17 | 1150 | 20 | 125 / 60 | 200 / 125 | 24 / 23.9 | 44 / 43.6 | 50 / 16 | 150 / 70 | 16 / 6 | 16 / 25 | 4312.5 | 42.8 |
| | 20 | 1350 | 23 | 125 / 75 | 250 / 125 | 26 / 26.2 | 48 / 47.8 | 50 / 25 | 150 / 70 | 25 / 10 | 25 / 25 | 5062.5 | 46 |
| | 24 | 1600 | 27.5 | 150 / 100 | 300 / 150 | 31 / 31.4 | 57 / 57.2 | 70 / 25 | 185 / 70 | 25 / 10 | 25 / 25 | 6000 | 54.1 |

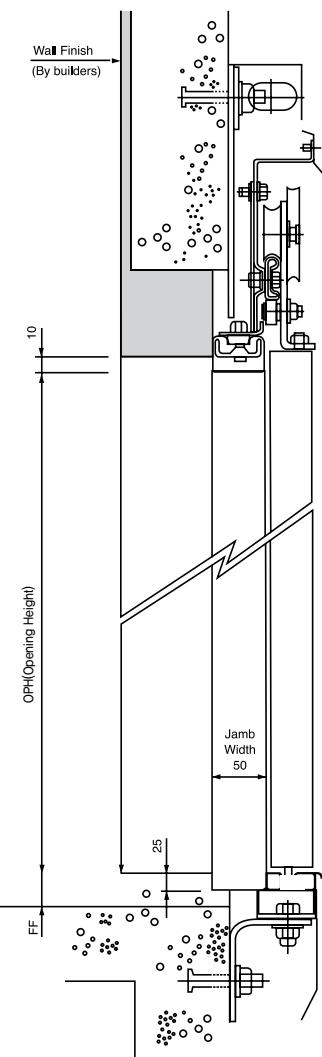
Technical Data

Narrow Jamb without Transom Panel

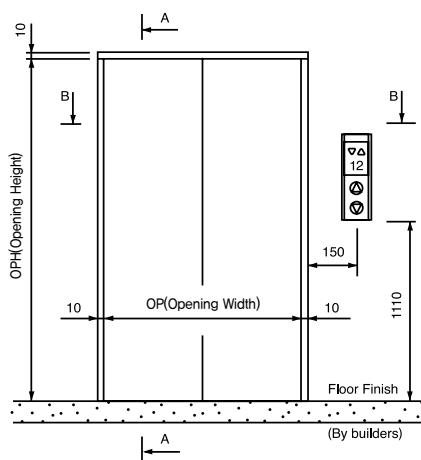
| Section B-B



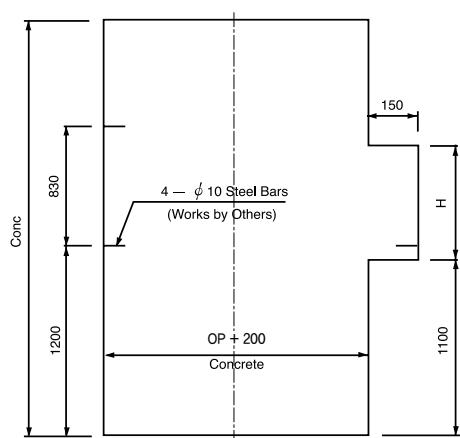
| Section A-A



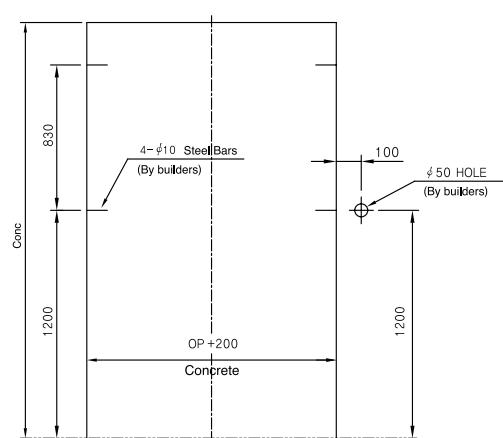
| Front View of Entrance



| Building Structure Plan (Normal Button)



| Building Structure Plan (Slim Type Button)

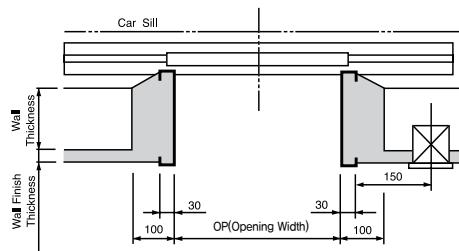


Note 1. «H» dimension in building structure plan depends upon the type of hall indicator selected.
2. Unit : mm

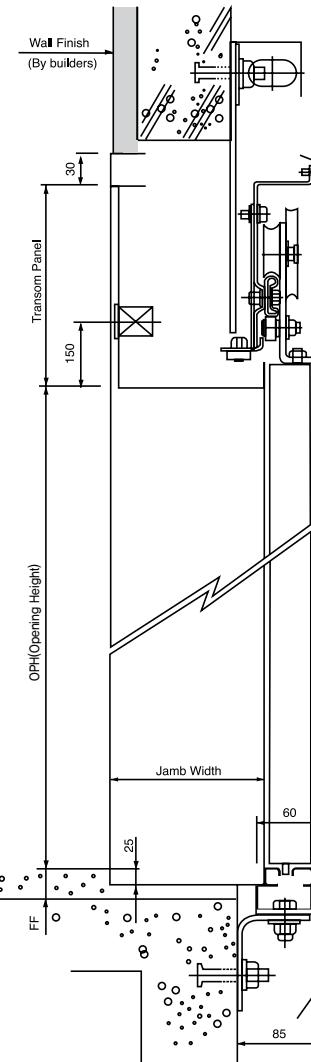
Technical Data

S-Type Wide Jamb with Transom Panel

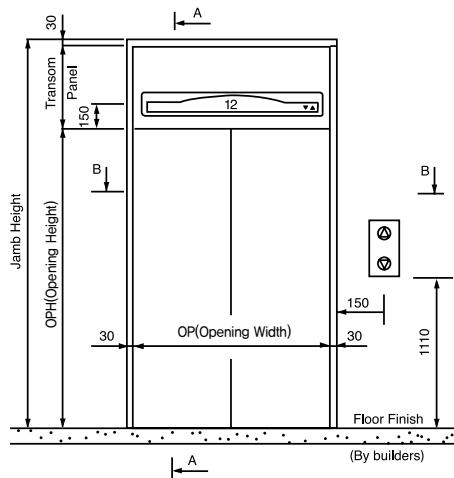
| Section B-B



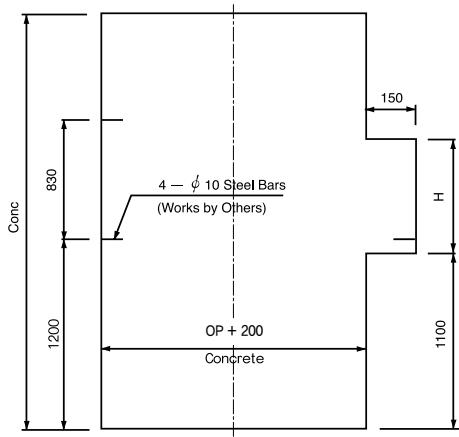
| Section A-A



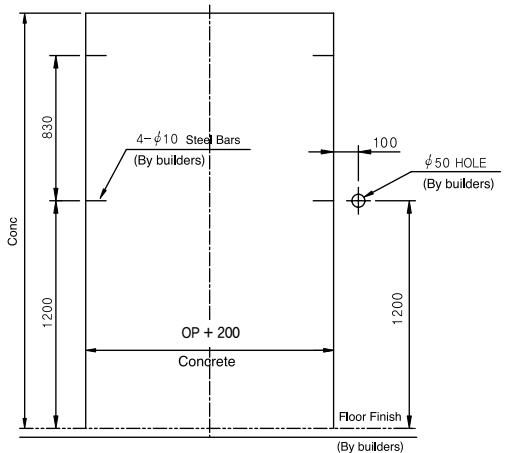
| Front View of Entrance



| Building Structure Plan (Normal Button)



| Building Structure Plan (Slim Type Button)

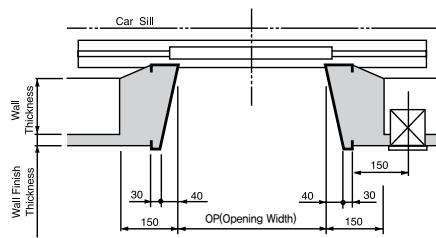


Note 1. «H» dimension in building structure plan depends upon the type of hall indicator selected.
2. Unit : mm

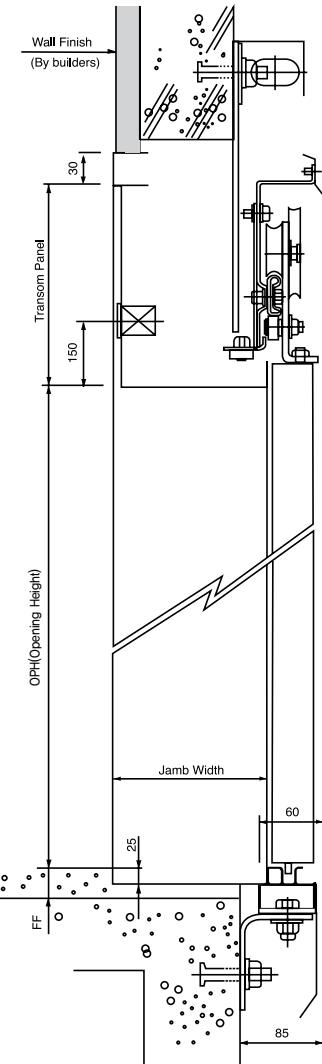
Technical Data

T-Type Jamb with Transom Panel

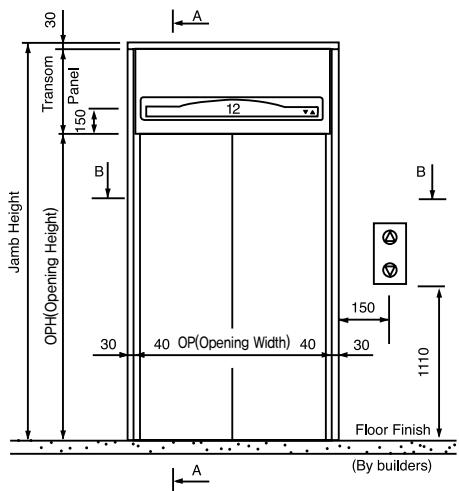
| Section B-B



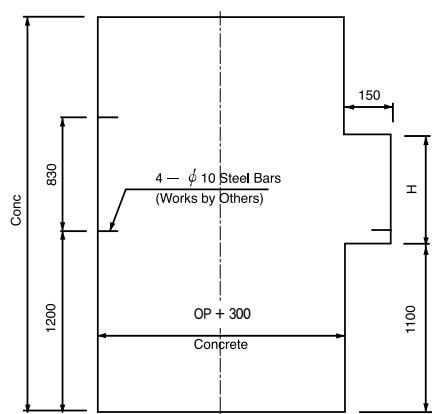
| Section A-A



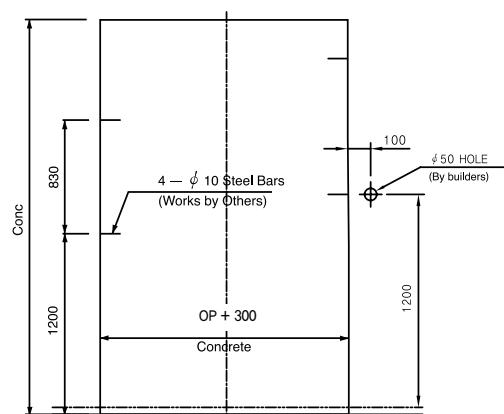
| Front View of Entrance



| Building Structure Plan (Normal Button)



| Building Structure Plan (Slim Type Button)



Note 1. «H» dimension in building structure plan depends upon the type of hall indicator selected.
2. Unit : mm

Technical Data

Technical Features

I Operation Functions

● Standard ○ Option

| Features | Description | |
|---|--|---|
| Safety Drive Operation | During normal operation, a malfunction is occurred suddenly but it's not serious, in this case, if the car is not in a door zone, then the car starts to run to the nearest floor, the car remains stop with door fully open and "Out of service" lamp. | ● |
| Detection of Jammed Hall Button and Exclusion From Operation Service | If a hall button is jammed mechanically, the hall call will be automatically bypassed after being served once, until the problem is resolved. | ● |
| Attendant Operation | The operating mode of an elevator can be changed from the normal automatic operation to the attendant service by an attendant switch. | ● |
| Independent Operation | Key switch in the car operating panel will cancel any existing hall calls and hold the door open at the landing position. During independent operation, the car will respond only to respond car calls. | ● |
| Anti-nuisance Operation | In case of substantial difference between the number of calls registered on the car operating panel and actual load in the elevator, the elevator prevents unnecessary operation by canceling all registered calls when it arrives at the nearest floor. | ● |
| Car Call Cancellation | Allows cancellation of an incorrectly registered car call. If you push a wrong floor button in the car, you can cancel it by pressing the same button one more time. | ● |
| Nearest Stop | When the car stops between floors due to mechanical malfunction. It will move to the nearest floor for the emergency escape. | ● |
| Automatic Door Open & Close Time Adjustment | Door open and close are automatically adjusted depending on whether the car is a hall call or a car call to increase the operating efficiency. | ● |
| Car Door Safety Edge | Extending the full height of the car door, this device enables the doors to return to the fully open position, should the door encounter a person or obstacle while closing. | ● |
| Automatic Car Light & Fan Turn-off | Car illumination and fan are turned off automatically in case there is no hall call or car call to save energy. | ● |
| By Pass Operation (80%) | If the actual load comes to more than 80% of the allowable maximum load, the elevator will not react to the calling signals from other passing floors. | ● |
| Over Load (110% of rated load) Holding Stop | When the load of passengers exceeds the maximum capacity, a buzzer sounds and the elevator remains stopped at that floor. When the passengers get off, the buzzer will stop. Consequently elevator doors will close and operation continues. | ● |
| Car Position Display | Car position display in car or hall, operated by car indicator or hall indicator. | ● |
| Over Speed Governor | Located at the top of the hoist way, engages the governor rope, causing activation of the elevator safety device, should the elevator car accelerate beyond the predetermined maximum speed in the "up and down" direction. | ● |
| Emergency Lighting Feature | In case of power failure, the emergency light will turn on and maintain a period of time. | ● |
| Changeable Reference Floor | The reference floor can be changed by the customer. | ● |
| Slow Running when Checking and Repairing | When checking and repairing, the elevator will operate slowly to ensure the worker's safety. | ● |

Technical Data

Technical Features

I Operation Functions

● Standard ○ Option

| Features | Description | |
|---------------------------------|--|---|
| Terminal Limit Switches | Prevent the elevator from traveling beyond a terminal landing, in dependent of the functioning of the operating device. | ● |
| Interphone | Provide emergency communication between passengers in the car, the machine room or building personnel in a security or maintenance room. | ● |
| Car Chime | Arrival signal. | ● |
| Hall Button Jam | When hall button continues to be active long time, a car could be ignore the hall call. | ● |
| ERO&MSK Operation | ERO: Refer to GB7588-2003 14.2.1.4, MSK for SIGMA. | ● |
| Emergency Firemen Service | In case of fire, firemen can use the elevator which is stopped at the specified floor in order to support firemen for fire-fighting. | ○ |
| Emergency Fire Return Operation | In case of fire, every car should be returned to the specified floor in order to evacuate passengers to safety. | ○ |
| Automatic Rescue Device(ALP) | In case of power failure, when the building has no emergency power supply, the elevator is sent to the nearest floor by DC power of battery to prevent passengers from being trapped in the car. | ○ |
| Door Nudging | When the doors remain open for more than the fixed door open time (approx. 20 seconds), this feature closes the doors at reduced closing speed with buzzer sounding. | ○ |
| Supervisory Interface and EMS | CRT interface and DOS100 interface is applicable to SI210 controller only.(need I/F board) | ○ |
| Earthquake | The earthquake sensor detects whether the earthquakes occur or not. When earthquakes occur, the device forces the elevator to stop at the nearest floor with door fully open, and the elevator can't operate any more. | ○ |
| Cancel Hall Chime | To cancel hall Chime in night, in order to keep quiet for people. | ○ |
| Voice Synthesizer | MICOM to the elevators on the synthesized speech The ability to automatically broadcast the status information. | ○ |
| Hall Call Canceling | This feature is available to simplex operation only. - Allows cancellation of an incorrectly registered hall call. - At landing floor, this operation is not available for door re-opening. | ○ |
| Night Noise Restriction | A timer or RTC (Real Time Clock) activates this feature. When RTC reaches designated time, chime and/or gong is deactivated. | ○ |
| Auto Changed Basement | The car serves the basement. This may be one or more basement floors. A timer or RTC (Real Time Clock) activates this feature. When RTC reaches designated time, basement floor can be changed automatically. | ○ |
| Canceling Group Operation | A car can be separated from two-car group operation by a switch or EMS command and be operated standalone. | ○ |
| Wait with Opened Door | A car Wait with Opened Door at basement floors. | ○ |
| Through Type | Opened front door and rear Door. | ○ |
| Generator Operation | When power off, receive power from generator, and operate according to procedure of Generator. | ○ |
| Re-leveling | Adjust leveling between landing sill and Car sill. | ○ |